

IFW



00005.001297

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Examiner: Not Yet Assigned
TAKAO NAKAJIMA, ET AL.) Group Art Unit: Not Yet Assigned
Application No.: 10/584,633)
Filed: June 26, 2006)
For: THIAZOLE DERIVATIVES) October 30, 2006

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the documents listed in the "Foreign documents" and "Other Documents" sections are also enclosed.

Documents A-C and G were cited in the International Search Report, copy enclosed. Documents A, B and G were also cited in the Written Opinion, a copy of which is enclosed as well. Documents D-F, H-Z, AA-AZ, BA and BB were cited at specification pages 2-3. Their relevance is discussed therein.

Also, for the Examiner's convenience, the chart below identifies these documents and their family member equivalents.

<u>Document No.</u>	<u>Family-Member Equivalent</u>	<u>Cited in</u>
JP 2002-302488	US 2004/0053973	International Search Report and Written Opinion
WO 03/62233	US 2005/0153977	International Search Report and Written Opinion
WO 03/39451	US 2005/0004134	International Search Report
WO 96/16650	US 5,856,347	Pages 2-3 of specification
WO 01/52847	US 6,596,744	Pages 2-3 of specification
WO 02/053161		
WO 01/53267	US 2003/0195231	Pages 2-3 of specification
WO 02/053156	US 2002/0119970	Pages 2-3 of specification
WO 03/000257	US 2004/0142988	Pages 2-3 of specification
WO 03/062215	US 2003/0158199	Pages 2-3 of specification
WO 03/062233	US 2005/0153977	Pages 2-3 of specification
WO 03/072554	US 2005/0090534	Pages 2-3 of specification
WO 03/075923	US 2005/0234116	Pages 2-3 of specification
WO 04/002481	US 6,649,641	Pages 2-3 of specification
WO 04/014884	US 2004/0038990	Pages 2-3 of specification
WO 04/041813	US 2004/0122016	Pages 2-3 of specification
WO 99/21555	US 6,436,966	Pages 2-3 of specification
JP 2001-114779	US 7,101,899	Pages 2-3 of specification
WO 00/14095	US 2004/0053982	Pages 2-3 of specification
WO 03/039451	US 2005/0004134	Pages 2-3 of specification
WO 02/03978	US 2003/0073728	Pages 2-3 of specification
WO 01/47935	US 6,965,033	Pages 2-3 of specification
WO 00/38666	US 6,756,360	Pages 2-3 of specification
WO 00/14095	US 6,489,476	Pages 2-3 of specification

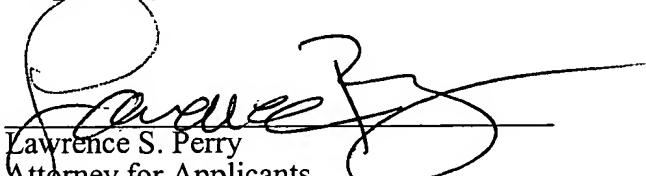
<u>Document No.</u>	<u>Family-Member Equivalent</u>
WO 05/039572	US 2006/0015494
WO 00/057877	US 6,414,011
WO 01/010865	US 6,962,933
WO 01/014372	US 6,605,629
WO 02/100433	US 2005/0080113
WO 02/059099	US 2004/0082626
WO 01/074811	US 2004/0053973
WO 04/071447	US 2004/0192743
EP 1 423 113	US 2003/0130296
WO 03/039529	2003/0105143

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



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Attorney for Applicants
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	2004/0053973	3/04	Ohkawa et al	514	342	
	B	2005/0153977	7/05	Sugasawa et al	514	254.02	
	C	2005/0004134	1/05	Tsutsumi et al	514	252.05	
	D	5,314,889	5/94	Boigegrain et al	514	253	
	E	5,856,347	1/99	Hashiguchi et al	514	390	
	F	6,596,744	7/03	Wagle et al.	514	365	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	G	WO 02/079204	10/02	PCT			Abstract
	H	2003-335680	11/03	Japan			Abstract
	I	2002-053566	2/02	Japan			Abstract
	J	11-209284	8/99	Japan			Abstract
	K	10-087490	4/98	Japan			Abstract
	L	WO 93/21168	10/93	PCT			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

M	Saldabol, et al., "Thiocyanation, Halogenation, Dehalogenation, Transhalogenation and Nitration of 2-Substituted 4-(2-furyl) Thiazoles", <i>Chemistry of Heterocyclic Compounds</i> , Vol. 38, No. 7 (2002), pages 873-881
N	<i>Khimiko-Farmatsevticheskii Zhurnal</i> , Vol. 8 (1974), pages 25-29
O	Closier, et al, "Nitrofuryl heterocyclics", <i>Journal of Medicinal Chemistry</i> , Vol. 13, No. 4 (1970), pages 638-640
P	Ya et al, "The bromination of 2-amino-and 2-acetylarnino-4-(2-furyl)-thiazoles", <i>Khimiya Geterotsiklicheskikh Soedinenii</i> , Vol. 5, No. 3 (1969), pages 498-500
Q	Sherman, et al, "4-(5-Nitro-2-furyl)thiazoles", <i>Journal of Organic Chemistry</i> , Vol. 27 (1962), pages 1351-1355

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO. 00005.001297		APPLICATION NO. 10/584,633				
				APPLICANT TAKAO NAKAJIMA, ET AL.						
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	R	2003/0195231	10/03	Takemoto et al		514	332			
	S	2002/0119970	8/02	Wagle et al		514	227.8			
	T	2004/0142988	7/04	Sugiyama et al		514	365			
	U	2003/0158199	8/03	Stieber et al		514	242			
	V	2005/0153977	7/05	Sugasawa et al		514	254.02			
	W	2005/0090534	4/05	Sakai et al		514	365			
	X	2005/0234116	10/05	Sugiyama, et al		514	374			
FOREIGN PATENT DOCUMENTS										
		DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT		
	Y	WO 97/03058	1/97	PCT				Abstract		
	Z	WO 02/094798	11/02	PCT				Abstract		
	AA	WO 99/64418	12/99	PCT						
	AB	WO 98/57937	12/98	PCT						
	AC	2000-302680	10/00	Japan				Abstract		
	AD	05-345772	12/93	Japan				Abstract		
	AE	WO 03/015777	2/03	PCT						
	AF	WO 02/094264	11/02	PCT						
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)										
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	AG	6,649,641	11/03	Behrens et al	514	381	
	AH	2004/0038990	2/04	Guba et al	514	255.05	
	AI	2004/0122016	6/04	Cao et al	514	252.05	
	AJ	6,436,966	8/02	Ohkawa et al	514	340	
	AK	7,101,899	9/06	Ohkawa et al	514	342	
	AL	2004/0053982	3/04	Press et al	514	370	
	AM	2005/0004134	1/05	Tsutsumi et al	514	252.05	
	AN	2003/0073728	4/03	van Poelje et al	514	369	
	AO	6,965,033	11/05	Jiang et al	548	119	
	AP	6,756,360	6/04	Erion et al	514	43	

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	AQ	6,489,476	12/02	Dang et al	544	232	
	AR	2006/0015494	1/06	Keating et al	707	6	
	AS	6,414,011	7/02	Hogenkamp et al	514	406	
	AT	6,962,933	8/05	Ohkawa et al	514	340	
	AU	6,605,629	8/03	Momose et al	514	374	
	AV	2005/0080113	4/05	Ohkawa et al	514	342	
	AW	2004/0082626	4/04	Takemoto et al	514	357	
	AX	2004/0053973	3/04	Ohkawa et al	514	342	
	AY	2004/0192743	9/04	Mjalli et al	514	365	
	AZ	2003/0130296	7/03	Bauer et al	514	275	
	BA	2003/0105143	6/03	Ammendola et al	514	357	
	BB	5,189,049	2/93	Frehel et al.	514	371	

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